



TECHNICAL DATA SHEET

Standard grade

Product name	(E,Z,Z)-3,8,11-Tetradecatrienyl acetate	Product code	EP00039
CAS No.	163041-94-9	Pheromone code	3E,8Z,11Z-14:OAc
Molecular formula	C ₁₆ H ₂₆ O ₂	Molecular weight	250.38

Specification

Property	Specification	Method
Appearance	Clear, colourless to yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3E,8Z,11Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Storage and handling

Storage conditions	2–8 °C, protected from light, tightly closed	Retest period	24 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	Tuta absoluta (tomato leafminer)
Order / family	Lepidoptera: Gelechiidae
Crops	Tomato; Solanaceae crops
Reported use	Monitoring; mating disruption
Reported blend components	(3E,8Z)-3,8-tetradecadienyl acetate (TDDA)
Dispenser loading	1 µg per dispenser (wind-tunnel); 100 µg per trap (field monitoring); 80 mg per tubing dispenser (mating disruption)
Trap type	delta trap
Key reference	doi:10.1023/a:1010378818318; doi:10.1603/en13064